



WORLD STANDARD  
COMPRESSORS

# THE ARIEL KBH

## Hydrogen Fueling Compressor

Ariel's KBH is a vertically oriented reciprocating compressor designed for hydrogen fueling. This high-flow compression solution is capable of handling various inlet and outlet pressures for different hydrogen applications. The compressor is designed to be non-lubricated to maintain high gas purity, featuring the latest advanced materials allowing for optimal compression efficiency and reliability.

Ariel KBH compressors can compress hydrogen gas to pressures up to 7,250 psig (500 barg) for trailer filling, hydrogen mobility, and other hydrogen storage and transport needs.

### KBH Specifications

• Discharge Pressure (bar)	<b>500</b>
• Discharge Pressure (psig)	<b>7,250</b>
• Flow at design point (kg/hr)	<b>250</b>
• Number of Stages	<b>4</b>
• Stroke (in)	<b>4.25</b>
• Stroke (mm)	<b>108</b>
• Max RPM	<b>1,000</b>
• Non-lubricated Cylinders	
• Capable of full non-reversing loads	
• Vertical Orientation	

